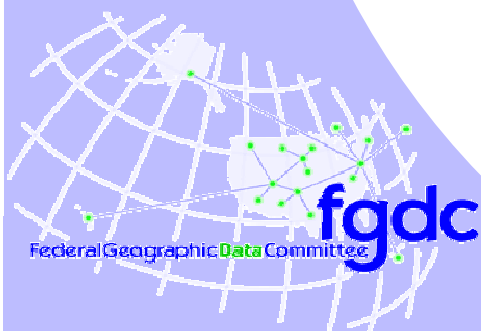
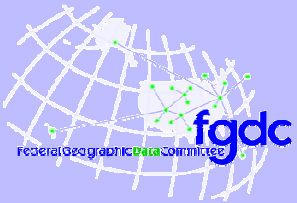


Geospatial One-Stop ***Publishing Metadata to geodata.gov***

A step-by-step guide to publishing geospatial metadata to the Geospatial One-Stop (GOS) portal at geodata.gov

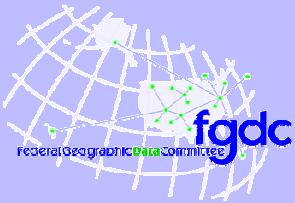




Learning Objectives

After completing this lesson the student can:

- ▶ Publish metadata to the geodata.gov portal
- ▶ Select an effective geodata.gov publication method
- ▶ Add a metadata record to the geodata.gov Marketplace
- ▶ Access and utilize metadata 'Harvest Reports'
- ▶ Edit, update, delete and download existing metadata records
- ▶ Access resources and individuals to assist with geodata.gov publication efforts



Using This Lesson

To maximize the readability of the screen captures, additional content for this lesson is provided in the *Notes* field for each slide

To view the notes, either:

- ▶ download the PPT formatted lesson and view offline in 'normal' mode
- ▶ view the PDF version of the lesson online



Publishing Metadata to geodata.gov

Log in to geodata.gov

You must log in to geodata.gov to publish data

- Select 'Sign up' to create a user account
- Select 'Log in' to log in once you have created a user account

The screenshot shows the geodata.gov website. The top navigation bar includes links for Home, Search, Maps, Marketplace, Communities, Statistics, and Help Center. The main content area is divided into several sections: Communities (with links for Hurricanes, Special Interest, Data Categories, and Geography), a Search bar, GIS for the Gulf, Featured Map (USGS Atlas of Federal Lands), and Other Cool Maps. A 'Quick Start' sidebar on the right provides a welcome message and links for finding data, making maps, and browsing community information. A red circle highlights the 'Log in' and 'Sign up' links in the top right corner. A red arrow points from the 'Sign up' link to the text box on the left.



Sign Up for A geodata.gov User Account

The sign up page for a geodata.gov user account requires a minimal amount of information:

- User ID
- password
- first and last name
- e-mail address
- Select 'Continue'
- Check your information
- Select 'Continue'



Publishing Metadata to geodata.gov

Log In - Enter User ID and Password

GOS - Geospatial One Stop - Windows Internet Explorer

https://gos2.geodata.gov/wps/portal/gos/kcxml/04_Sj9SPykssy0xPLMnMz0vM0Y_QjzKL9443cnIFSYGYfpb6

File Edit View Favorites Tools Help

File Print FedEx Kinko's

GOS - Geospatial One Stop

geodata.gov
U.S. MAPS & DATA

Your One Stop for Federal,
State & Local Geographic Data

Sign up I forgot my password

Welcome, please enter your information.
(Visit the [Login Help Section](#) for further assistance)

* User ID:

* Password:

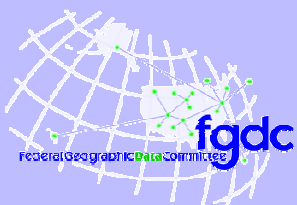
Log in Cancel

*Required Field
Please note: After some time of inactivity, the system will log you out automatically and ask you to log in again.

USA.gov Privacy | Policies | FOIA | DOI | USGS | Accessibility | Contact Us | FAQ E.GOV

Done Trusted sites 100%

The geodata.gov login page asks the user to provide their User ID and password



Publishing Metadata to geodata.gov

Publishing Tools Menu

The screenshot shows the geodata.gov website in a Microsoft Internet Explorer browser window. The address bar shows the URL: http://redlandsgos2.geodata.gov/wps/myportal/gos/kcxm/04_Sj95Pykssy0xPLMnMz0vM0Y_QjzKL9443cnIF5GYfb6kehCFgghb31fj_zcVPOA_YLc0IhyROVFABDAZM0I/delta. The website header includes the geodata.gov logo and the tagline "Your One Stop for Federal, State & Local Geographic Data". The navigation menu includes links for Home, Search, Maps, Marketplace, Communities, My Tools, Statistics, Help Center, and Utilities. The "My Tools" link is circled in red. On the left sidebar, the "Publish Metadata" section is also circled in red, containing links for Become a Publisher, How to Publish, Create Metadata, Upload Metadata, Configure Harvesting, and Manage My Metadata. The main content area displays "GOS2 News" with a table of news items.

Title	Created On
Channel Steward Handbook	01/23/2007
The Channel Editor is a desktop application that allows you to manage the content of community channels that are part of the Geospatial One-Stop portal. The Channel Steward Handbook is intended for channel stewards of the Geospatial One-Stop Portal and for the portal administrator.	
GOS Metadata Validation Rules	10/15/2006
GOS supports metadata that is structured according to the FGDC Content for Digital Geospatial Metadata, and the ISO 19115 metadata specifications. Both metadata specifications provide information on the types of information and the structuring of that information for metadata.	
New Version of the Channel Editor Tool	03/03/2006
We have a new version of the Channel Editor tool that allows larger xml files to be created for the communities. Please uninstall your old version and download the new version of the Channel Editor Tool for maintaining your community content.	
Metadata Harvesting	11/02/2005
Please check "Configure Harvesting" periodically for information and reports on the harvesting of your metadata repository. You will not be notified when harvesting has occurred.	
Published Metadata Records with Disapproved Status	11/02/2005
Published metadata records with a Status = Disapproved have a xml that is not valid. Publishers will need to update their metadata record in their repository and next time they are harvested the updated metadata will be published. The metadata xml may be invalid for...	

Items 1 - 5 out of 5 (including hidden items)

The Publishing Tools menu is located under the "My Tools" tab



Become a Publisher

GOS - Geospatial One Stop - Windows Internet Explorer

http://gos2.geodata.gov/wps/myportal/gos/kc.xml/04_5j9SPyKssy0xPLMnMz0vM0Y_QjzKL94v3NQD3mMV7x_tZ6keilVjARXw98nNT9I

File Edit View Favorites Tools Help

GOS - Geospatial One Stop

geodata.gov
U.S. MAPS & DATA

Your One Stop for Federal, State & Local Geographic Data

My Portal Edit my profile Log out

Home Search Maps Marketplace Communities My Tools Statistics Help Center Utilities

Site News

Publish Metadata

• Become a Publisher

• How to Publish

• Create Metadata

• Upload Metadata

• Configure Harvesting

• Manage My Metadata

Community Tools

• Download Tool

• Steward Help

Administration

• Manage Publishers

• View Registered Sites

• Reports and Statistics

Become a Publisher

User Profile

Title: Mr.

First Name: (*) Dan

Middle Initial:

Last Name: (*) Sandhaus

Publisher's Phone: (*) 703-648-5709

Publisher's E-Mail: (*) dsandhaus@usgs.gov

Organization Information

Publisher Affiliation: (*) Federal Government

Organization Group: (*) Department of the Interior

Full Organization Name: (*) United States Geological Survey

Organization Abbreviation: (*) USGS (Also used as folder name when publishing.)

Organization Profile: (*) (brief description of organization; up to 50 words)

US Geological Survey

- Select 'Become a Publisher'
- Enter the information indicated in the 'User Profile' form
- Federal Agencies must select both:
Organization Group (Department) &
Organization Name (Bureau)

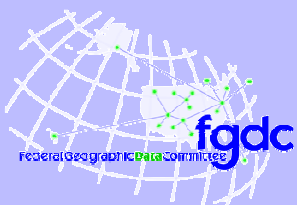
***** IMPORTANT NOTE:** When you first sign up on geodata.gov, you cannot immediately go to "Become a Publisher" and sign up as a publisher. If you do, you will get an error saying you do not have permission. You must first log out of geodata.gov and then log back in before you can register as a publisher.



Guides on How To Publish to geodata.gov

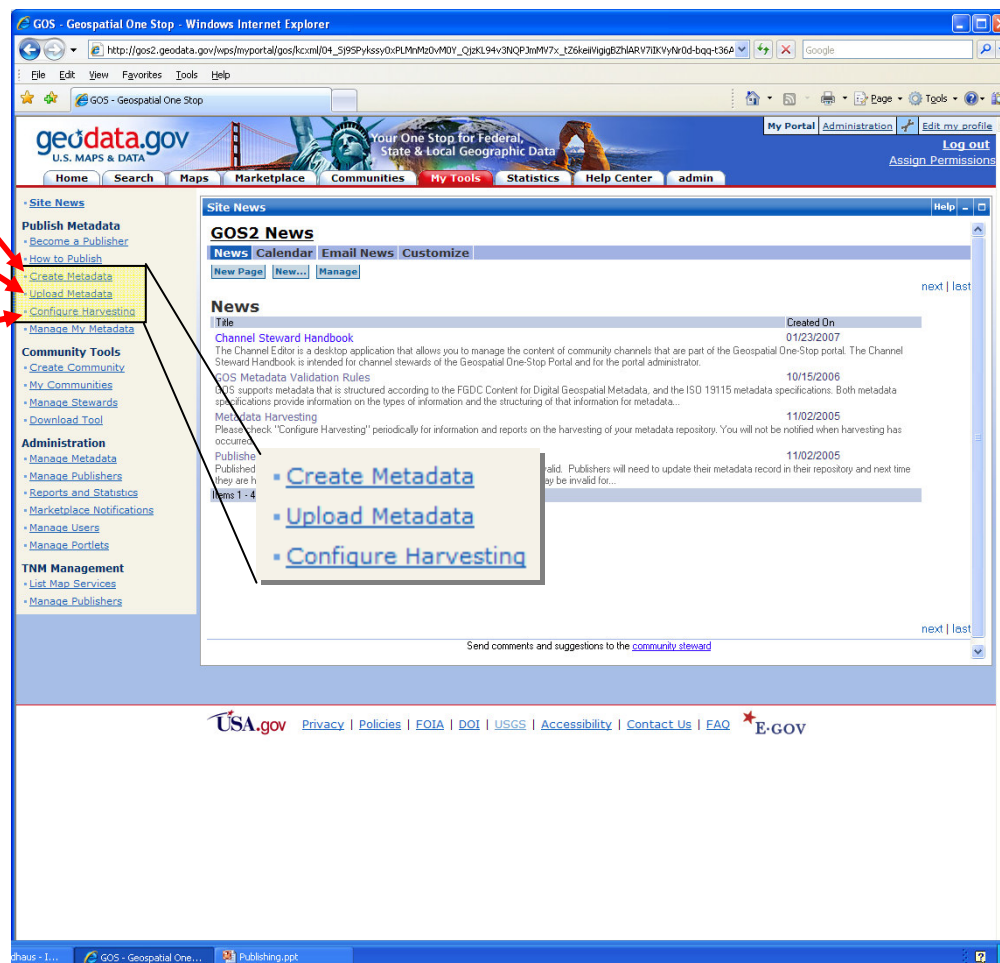
• Select 'How to Publish' for more information

• Select either document to directly access from this slide



3 Ways to Publish Metadata

- ▶ Create Metadata – Create a single metadata record using the geodata.gov online metadata creation form
- ▶ Upload Metadata – Upload metadata xml files (** one at a time)
- ▶ Harvest Metadata - Have geodata.gov automatically 'harvest' metadata from an existing metadata catalog that uses one of the following protocols:
 - ▶ Z39.50
 - ▶ ArcIMS
 - ▶ Open Archive Initiative – Protocol for Metadata Harvest [OAI-PMH]
 - ▶ Web Accessible Folder [WAF]
 - ▶ Catalog Service-Web [CS-W]





Publishing Metadata to geodata.gov

Create Metadata Using the geodata.gov Form-1

Easy to use tool to
create FGDC
Minimum Content
Metadata

1. Select 'Create Metadata'
2. Select 'Type of Content'
3. Click 'Proceed'



Publishing Metadata to geodata.gov

Create Metadata Using the geodata.gov Form-2

GOS - Geospatial One Stop - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Print Mail News RSS Feeds

Address http://redlandsgos2.geodata.gov/wps/myportal/gos/kcxml/04_5j95Pykssy0xPLMnMz0vM0Y_QjzKL94v3tQTJmMV7x_sBWwglFqgiQJYpXMTXIz83F5gear7vE-_rrB-IH-mi760fol Go Links

Home Search Maps Marketplace Communities My Tools Statistics Help Center Bundles

Site News

Publish Metadata

[Become a Publisher](#)

[How to Publish](#)

[Create Metadata](#)

[Upload Metadata](#)

[Configure Harvesting](#)

[Manage My Metadata](#)

Community Tools

[Download Tool](#)

Create Metadata Help

Please enter the requested information below for the content that you would like to publish to geodata.gov. The required fields are noted with a red asterisk. For more information on these elements, please refer to the [Metadata Help File](#). Please provide as much information as you can for your content.

Metadata Contact:

Organization *: Bureau of Land Management

Contact Person *: John Reitsma

Address Type *: Mailing and Physical

Address *: 40 Denver Federal Center

City *: Denver

State *: CO

Postal Code *: 80225

Country: USA

Phone Number *: 303-236-1984

Fax Number: 303-236-6691

E-Mail *: jreitsma@blm.gov

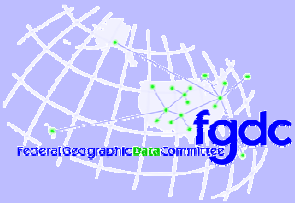
Citation:

Title *:

Provide 'Contact Information'

FIRSTGOV.gov Privacy Policies FOIA DOI USGS Accessibility Contact Us FAQ E-GOV

Done Internet



Create Metadata Using the geodata.gov Form-3

Create Metadata Help -

Citation:

Title *: NDOP 1-meter B&W Digital Orthophoto Quadrangles

Edition:

Presentation Form: geoTIFF

Originator *: USGS

Publisher *: USGS

Publication Place: Reston, VA

Publication Date (YYYYMMDD/YYYYMM/YYYY) *: 20070319

Online Linkage (URL):

GetCapabilities URL *: ?request=getcapabilities&service=WMS&version=1.1.1 **Test it**

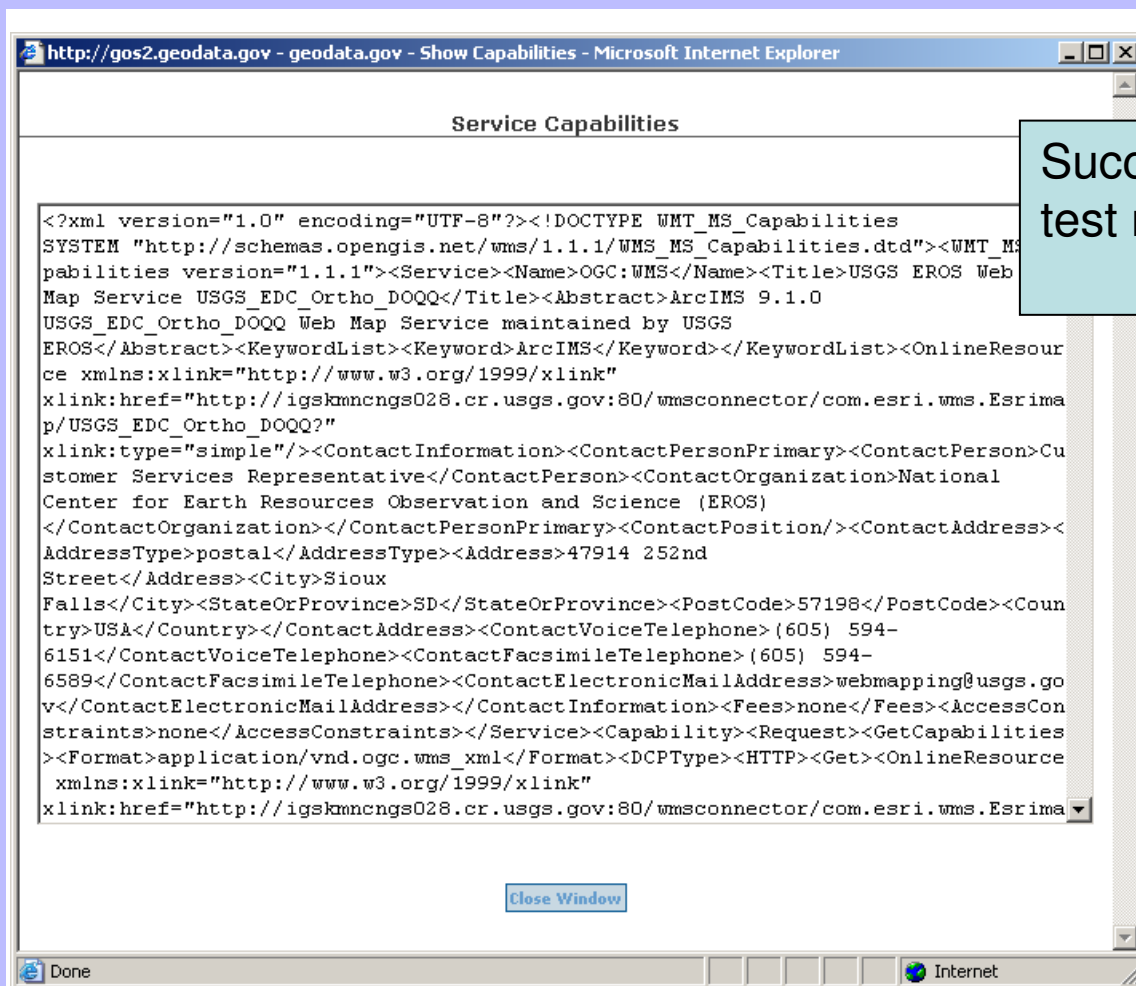
e.g.
`http://my.host.com/cgi-bin/wms?request=getcapabilities&service=WMS&version=1.1.1`
`http://my.host.com/servlet/com.esri.wms.Esri`

Access constraint: no constraint

- Provide 'Citation Information'
- Test the 'GetCapabilities URL'
- Select any blue field name for an explanation of what must be provided
- Fields with red asterisk (*) must be provided



Create Metadata Using the geodata.gov Form-4



Successful GetCapabilities
test response:
XML page is displayed



Publishing Metadata to geodata.gov

Create Metadata Using the geodata.gov Form-5

Create Metadata

Description:

Abstract *:

established product with NDOP and the USGS, of which it is one orthoimagery layer of The National Map. The DOQQ's are being incorporated as a seamless product using the most recent imagery. The resolution is 1 meter and is either black and white or color infrared. The goal is to have complete coverage of the United States as a seamless product. Data will be complete.

Purpose *:

for soils surveys, conservation practices, erosion assessments, impact assessment, and other resources

Supplemental Information

Time Period of Content:

Beginning Date (YYYYMMDD/YYYYMM/YYYY): 2005

Ending Date (YYYYMMDD/YYYYMM/YYYY): 2005

Currentness Reference: ground condition

Status:

Progress: Complete

Maintenance and Update Frequency: irregular

Spatial Domain:

West Bounding Coordinate (DDD.XXX) *: -170

East Bounding Coordinate (DDD.XXX) *: -66

North Bounding Coordinate (DD.XXX) *: 89.77156

South Bounding Coordinate (DD.XXX) *: 12.487156

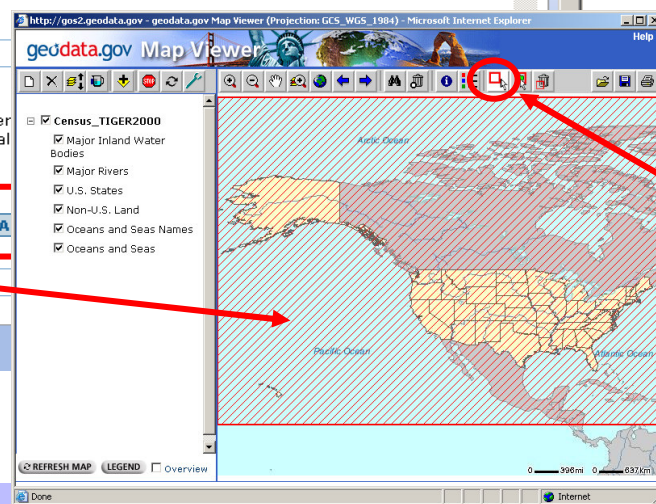
USE MAP VIEWER TO DRAW EXTENT **GET EXTENT ALREADY DRAWN**

Data Theme:

Primary Theme *: Select a Primary Theme

Describe your data:

- Complete the 'Description' section of the metadata record
- Complete the 'Time Period', 'Status', and 'Spatial Domain' sections
- Use the 'Map Viewer' to define the spatial extent



'Draw Extent' tool



Create Metadata Using the geodata.gov Form-6

Create Metadata

Data Theme:
Primary Theme *: Imagery and Basemaps

Keywords:
Theme Keywords: Imagery Basemaps Earthcover
Reference:
Place Keywords:
Reference:

Spatial Data Information:
Data Type: Raster
Data Format(s): GeoTIFF
Data Projection(s): geographic coordinates
Data Scale Denominator: 1:
(Required for vector data.)
Data Resolution: X & Y Axis Units
(Required for raster data.)

Constraints:
Access:

Select a Primary Theme

- Select a Primary Theme
- Agriculture and Farming
- Biology and Ecology
- Administrative and Political Boundaries
- Atmosphere and Climate
- Business and Economic
- Elevation and Derived Products
- Environment and Conservation
- Geological and Geo Physical
- Human Health and Disease
- Imagery and Basemaps

Primary Themes

Create Metadata

Constraints:
Access:
Use:

Browse Graphic:
Browse Graphic URL:
Browse Graphic Caption:
Browse Graphic File Type:

Distribution Information:

Organization *: US Geological Survey
Contact Person *: Dan Sandhaus
Address Type: Mailing and Physical
Address: US Geological Survey 12201 Sunrise
City: 500 National Ctr Rm 2A223A
State: VA
Postal Code: 20192
Country: USA

Describe your data:

- Complete the 'Data Theme', 'Keywords', and 'Spatial Data Information' sections of the metadata record
- Complete the 'Constraints', 'Browse Graphic', and 'Distribution Information' sections

Optimize search results by providing detailed titles and a robust set of keywords



Publishing Metadata to geodata.gov

Create Metadata Using the geodata.gov Form-7

Create Metadata

Distribution Information:

Organization *:	US Geological Survey
Contact Person *:	Dan Sandhaus
Address Type:	Mailing and Physical
Address:	US Geological Survey 12201 Sunri
City:	500 National Ctr Rm 2A223A
State:	VA
Postal Code:	20192
Country:	USA
Phone Number *:	703-648-5709
Fax Number :	
E-Mail *:	dsandhaus@usgs.gov
Dataset name known to distributor:	
Liability held by distributor:	
Content Price:	

Submit Metadata Registration **Reset Input Form** **Cancel**

Complete and submit the information:

- Click on the 'Submit Metadata Registration' button to complete the entry
- If you do NOT want to submit the information, select 'Reset Input Form' to start over or 'Cancel' to end the operation

Note that It may take a couple of days for the record to be approved and made available for data search.....



Metadata Records Approval

geodata.gov
U.S. MAPS & DATA
Your One Stop for Federal, State & Local Geographic Data

Home Search Maps Marketplace Communities My Tools Statistics Help Center

Manage Metadata

Dataset name: Folder:
Metadata owner: Status:
Dataset uuid:
Updated date between 03-05-2007 and 03-19-2007 (mm-dd-yyyy)

Total Records found: 2 For selected records

<input type="checkbox"/>	Action	DOCUID	Dataset Name	Owner	Folder
<input type="checkbox"/>	Del View	{3A07F575-E3A9-D652-B9A3-E94B29B0B341}	DJS Delaware Land Use Land Cover 1984 WMS Service	dan_admin	U
<input type="checkbox"/>	Del View	{8D6AE5A8-E9F6-C040-82C7-A130F68B6E93}	NDOP 1-meter B&W Digital Orthophoto Quadrangles - Dummy	dsandhaus	

USA.gov Privacy | Policies | FOIA | DOI | USGS | Accessibility | Contact Us | FAQ E-GOV

- The GOS Administrator reviews and approves all new metadata records before publication
- After the search engine re-indexes the database, the new metadata records will be searchable within one hour to one day.

Data Stewards should notify their GOS Coordinator when new records are added



Publishing Metadata to geodata.gov

Create a Metadata Record: Downloadable Data

The screenshot shows the 'GOS - Geospatial One Stop' interface in a Windows Internet Explorer browser. The page title is 'GOS - Geospatial One Stop - Windows Internet Explorer'. The address bar shows the URL: http://gos2.geodata.gov/wps/myportal/gos/kcxml/04_sj95Pykssy0xPLMnMz0vMOY_QjzKL94v3NQD3mMV7x_t26keiVigigBZhiARZ7IKVTEX. The page features the 'geodata.gov' logo and navigation tabs: Home, Search, Maps, Marketplace, Communities, My Tools, Statistics, Help Center, admin, and Utilities. A sidebar on the left contains links for Site News, Publication, and various tools. The main content area is titled 'Create Metadata' and includes instructions for publishing a new record. A dropdown menu for 'Type of Content' is open, showing options like 'Live Data and Maps - Web Map Service', 'Live Data and Maps - ArcIMS Image Service', 'Live Data and Maps - Web Feature Service', 'Live Data and Maps - Web Coverage Service', 'Live Data and Maps - KML or KMZ', 'Live Data and Maps - Georss Feed', and 'Downloadable Data' (which is circled in red). A 'Proceed' button is visible next to the dropdown. The footer of the page includes the USA.gov logo and links for Privacy, Policies, FOIA, DOI, USGS, Accessibility, Contact Us, and FAQ.

1. [Callout pointing to the 'Create Metadata' title]

2. [Callout pointing to the 'Publication' link in the sidebar]

3. [Callout pointing to the 'Type of Content' dropdown menu]

4. [Callout pointing to the 'Downloadable Data' option in the dropdown menu]



Create a Metadata Record: Downloadable Data

5.

Metadata

Citation:

Title *: Seismic Reflection Trackline data for USGS cruise 00SCC04

Edition: 1.0

Presentation Form: vector digital data

Originator *: Center for Coastal and Watershed

Publisher *: U.S. Geological Survey, Coastal and

Publication Place: Watershed Studies, St. Petersburg, FL

Publication Date (YYYYMMDD/YYYYMM/YYYY) *: 2003

Online Linkage (URL): pubs.usgs.gov/of/2003/of03-402/software/arc/arc.zip

Description:

Abstract *: Marine seismic reflection data are used to image and map sedimentary and structural features of the seafloor and subsurface. These data are useful in mapping stratigraphy and in assessing other submarine geologic characteristics and features. The data presented here are useful in mapping sand deposits that may be used in Louisiana beach nourishment projects. These data were collected as part of a Louisiana Sand Resources Study done in cooperation

Purpose *:

Most of the metadata sections are the same as before, except the citation section contains a link to a downloadable file

'Downloadable Data' types include: .zip, .gz, .tgz, .dbf, .tar, .E00, .shp, .rar, .xls, .txt, .dwg, .dxf, and .dgn files



Publishing Metadata to geodata.gov

Create a Metadata Record: Geographic Activities

1. Your One State & Federal, graphic Data

2. Create Metadata

3. Type of Content:

4. Proceed

Geographic Activity - Planned Data Acquisition

Offline Data: Offline data cannot be directly downloaded to your computer but can be accessed through the publisher.

Map File: A published map file is a digital map that may be displayed using GIS software. These maps may reference geographic data downloaded with the map file or, more likely, reference map services published from live mapping systems. The publisher determines what data to include in the map and how the map is presented.

Static Map Image: A static map image is a finished map that is presented in any graphics format (e.g., GIF, TIF,

Geographic Activities include:

- Planned data acquisitions
- Requests for data
- Other activities such as thematic meetings and events

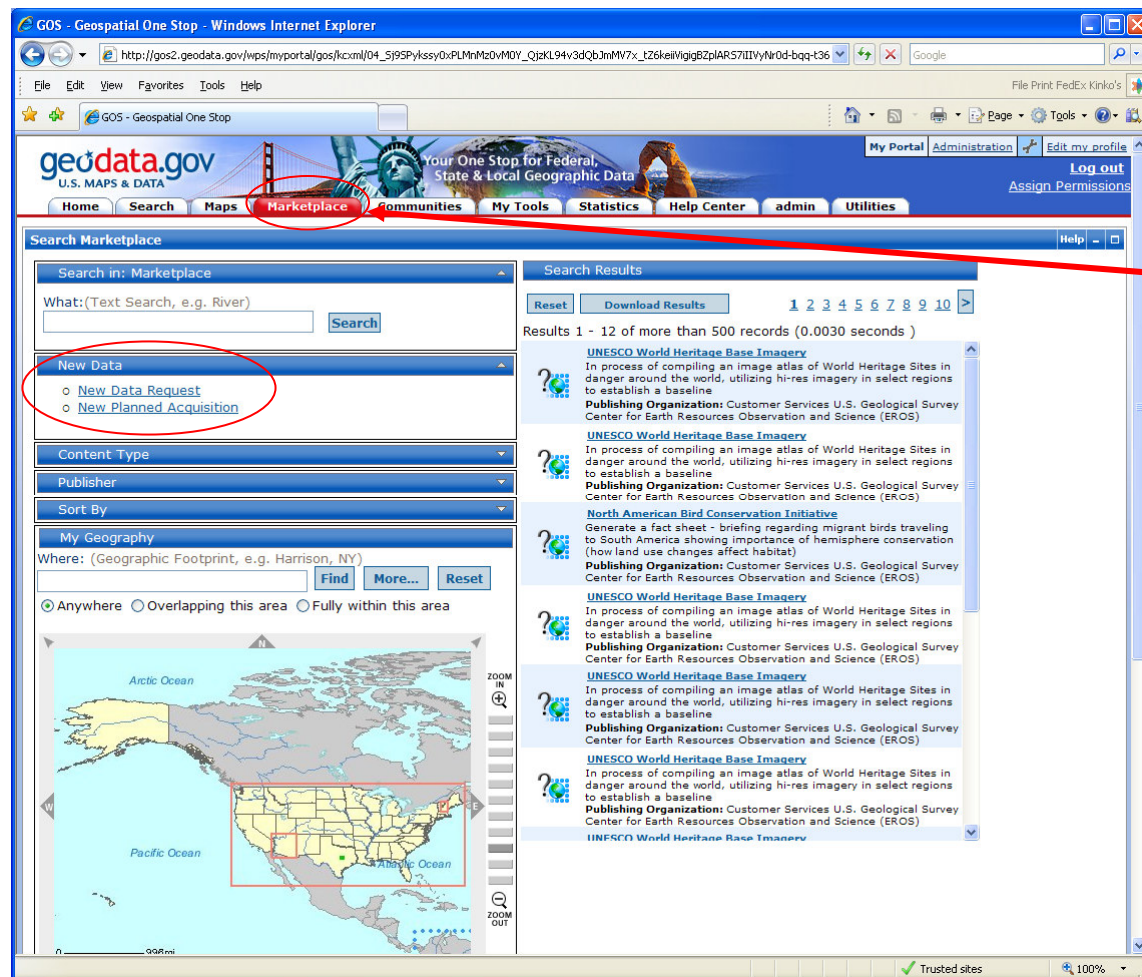
'Geographic Activities' are:

- discoverable using the geodata.gov Search interface
- featured in the geodata.gov 'Marketplace'

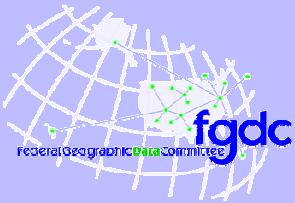


Publishing Metadata to geodata.gov

Create a Metadata Record: Geographic Activities



Geographic Activities can also be submitted via the geodata.gov 'Marketplace' without registering as a publisher



Online Linkage Values

• Live Data and Maps

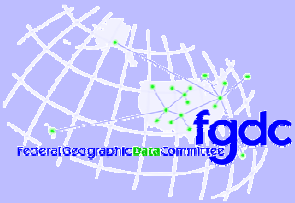
Dynamic data or maps that are published over the Internet such as:

- OGC Web Map Service (WMS)
- ArcIMS Image Service
- ArcIMS Feature Service
- ▶ Should have an online link to a GetCapabilities URL such as:
http://ims.cr.usgs.gov/servlet/com.esri.wms.Esrimap/USGS_EDC_Ortho_DOQQ?request=getcapabilities&service=WMS&version=1.1.1

• Static Map Images

Static, non-interactive, maps that do not change with user requests

- ▶ geodata.gov recognizes the following static map images file types:
.gif, .jpg, .jpeg, .bmp, .pdf, .pmf, .tif, .tiff, .cal, .pct, .pict, .eps, .mxd, .av, .mpg, .mpeg, .wmv, .img, and .rm



- **Downloadable Data**

Digital data available for download and use in a geographic information system (GIS) or other geospatial application.

- ▶ Should have an online link to either
 - an actual data file or
 - a web-based data download site



Upload Metadata

1. Upload Metadata

2. Upload Metadata

3. File Name:

4. Upload File

File Name: C:\Dns\GOS\MyCommunity\country.shp.xml

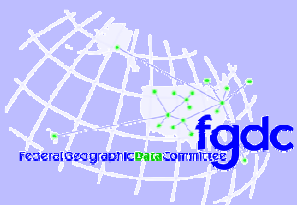
Upload File

Please use the Browse button to select the metadata file from your desktop or network to publish. The file should be in FGDC or ISO metadata standard and in Extensible Markup Language (XML) format. Allowed file types are txt, xml, and sgml. Please click the Upload button to publish your file to geodata.gov.

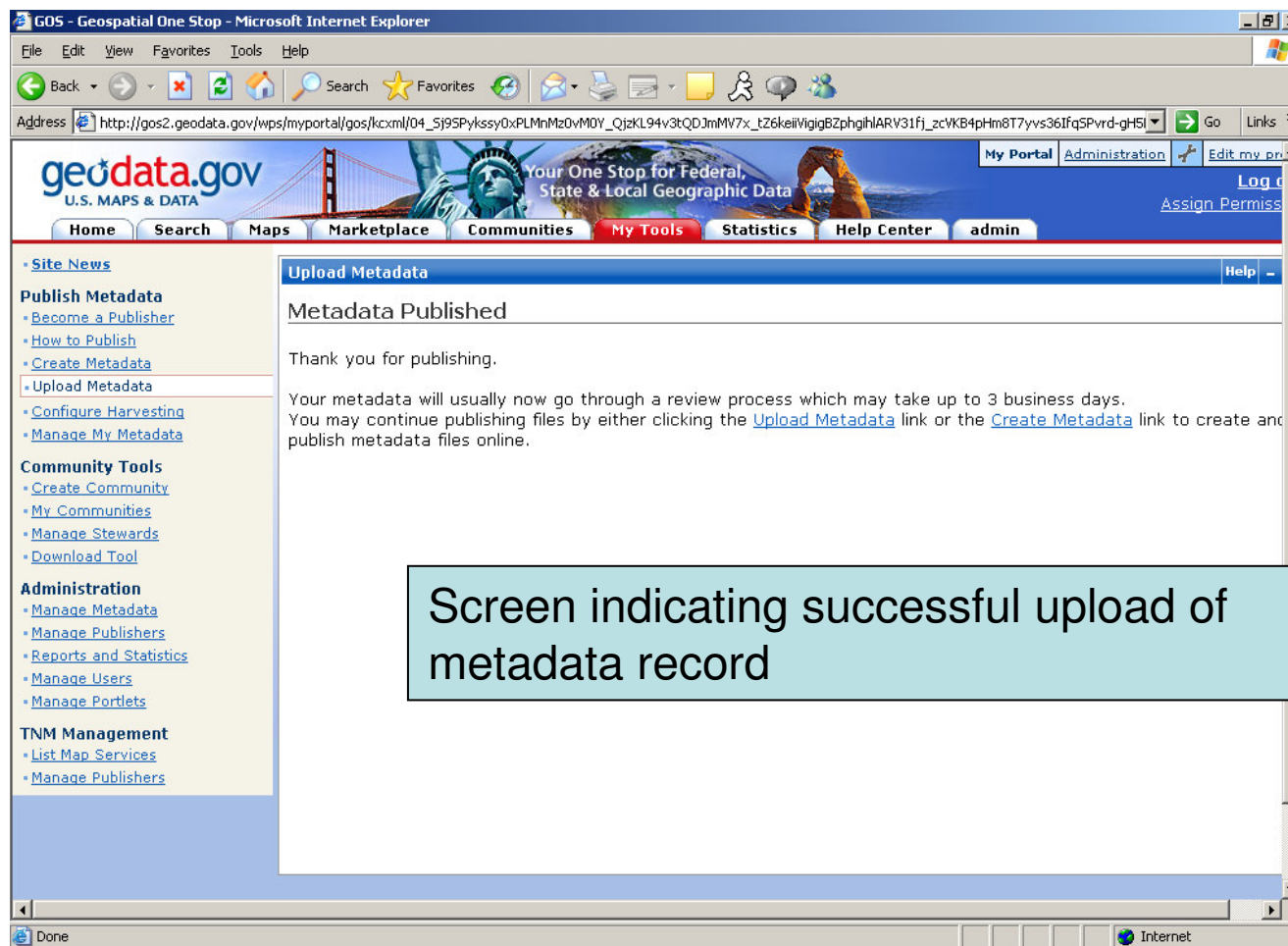
*Your published metadata file needs to include at least a title, abstract, spatial extent, and contact information. If your file does not pass validation, you will be notified.
**Only one file at a time is allowed.

Existing metadata records can be uploaded into geodata.gov:

- must be XML format
- must contain required fields
- can only upload one XML file at a time
- to upload multiple records metadata must be 'harvested' ([slide 28](#))



Successful Metadata Upload



Screen indicating successful upload of metadata record

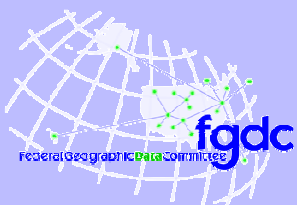
Failed Metadata Upload

Screen indicating reasons may

- required info
- invalid xml

Screen indicating failed upload,
reasons may include:

- required information is missing
- invalid xml



Harvesting Metadata

1. My Tools

2. Configure Harvesting

3. Register New Metadata Site

Configure Harvesting
[View Registered Sites](#) [Register New Metadata Site](#)

Registered Sites
Actions ID Name Owner Protocol URL Created Updated Harvested Status

Publishers can register to have collections of metadata records regularly 'harvested' into geodata.gov.



Publishing Metadata to geodata.gov

Set Up a Z39.50 Metadata Harvest

GOS - Geospatial One Stop - Windows Internet Explorer

http://gos2.geodata.gov/wps/myportal/gos/kcml/04_SPSpykssy0xPLMmMz0vM0Y_QjzKL94v3NqD0mMY7x_z26keiVjARxw98nNT9b31A_QldMMyh0VQFY8Gk0/delta/base64xm/L3d3dyE

File Edit View Favorites Tools Help

geodata.gov
U.S. MAPS & DATA
Your One Stop for Federal, State & Local Geographic Data

Home Search Maps Marketplace Communities My Tools Statistics Help Center admin Utilities

Site News

Publish Metadata

- Become a Publisher
- How to Publish
- Create Metadata
- Upload Metadata
- Configure Harvesting
- Manage My Metadata

Community Tools

- Create Community
- Download Tool
- Manage Stewards
- My Communities
- Steward Help

Administration

- Manage Metadata
- Manage Publishers
- View Registered Sites
- Reports and Statistics
- Marketplace Notifications
- Manage Users
- Manage Portlets

TNM Management

- List Map Services
- Manage Publishers

Popular Maps

- Manage Popular Maps

Configure Harvesting

View Registered Sites Register New Metadata Site

Site Information

Protocol: ☐ ArcIMS ☒ Z39.50 ☐ OAI-PMH ☐ Web Accessible Folder ☐ CS-W

Name: Idaho Geospatial Data

Host URL: 129.101.196.109

(e.g. http://www.example.com)

Port Number: 6668

Database Name: GOS

Type: ☒ XML ☐ SGML

Please see the [Creating and Publishing Metadata](#) PDF document in Support of Geospatial One-stop and National Spatial Data Infrastructure (NSDI) for more information on how to create and publish your metadata. This document is in Portable Document Format (PDF) and requires Adobe Acrobat Reader. [Adobe Acrobat Reader](#) is a free download.

geodata.gov will categorize your metadata based on the metadata theme keyword. Each metadata may be assigned to one of the [19 topic categories](#) in the ISO 19115. The ISO topic category can be inserted directly in the metadata as one of the theme keywords or you can also provide a look up table will translate theme keyword in your metadata with an ISO topic category. An ISO topic category will be assigned for any first match of theme keyword found in the lookup table and the metadata. See an example of a [theme lookup table](#).

Please select the method to provide the theme keyword:

☒ Already inserted in the metadata

☐ Look-up table

How often do you want this repository harvested?

☐ Once every month

☐ Twice every month

☒ Once every week

☐ Only once

☐ Skip harvesting

Do you want to receive e-mail notifications of harvesting results?

☒ YES, Notify Me!

☐ NO thanks

1. Fill in the connection parameters

Use the **Test** button to check the connection

2. Select the method of providing theme keywords

This page includes a link showing an example look-up table

3. Specify frequency of harvest

4. Indicate if you want to be notified of harvest

default is 'Yes'

5. Click 'Save Site'



Publishing Metadata to geodata.gov

Set Up a Web Accessible Folder Harvest

GOS - Geospatial One Stop - Windows Internet Explorer

http://gos2.geodata.gov/wps/myportal/gos/!ccxml/04_Sj9SPykyssyDxPLMmM20vMOY_QjaKL94v3NQD3mMV7x_LZ6kellVjARxw98nNT9b31A_QldMjyh0VFQF8GkQ/delta/base64.xml/L3d3dyE

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Your One Stop for Federal, State & Local Geographic Data

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Configure Harvesting

View Registered Sites Register New Metadata Site

Site Information

Protocol: ☐ ArcIMS ☐ Z39.50 ☐ OAI-PMH ☒ Web Accessible Folder ☐ CS-W

Name: WV GIS Technical Cent

Host URL:

(e.g. http://www.example.com)

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Please select the method to provide the theme keyword:

☒ Already inserted in the metadata

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How often do you want this repository harvested?

☒ Once every month

☐ Twice every month

☐ Once every week

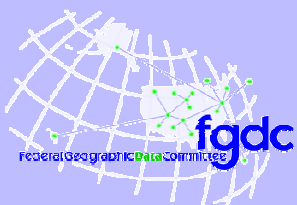
☐ Only once

☐ Skip harvesting

Do you want to receive e-mail notifications of harvesting results?

☒ YES, Notify Me!

☐ NO thanks



Publishing Metadata to geodata.gov

Set Up a CS-W Harvest

GOS - Geospatial One Stop - Windows Internet Explorer

http://gos2.geodata.gov/wps/myportal/gos/kcxml/04_5f95Pykssy0xPLmMz0vM0Y_QjdxL94v3NqD0mM7x_LZ6keilVhARw98nNT9b31A_QLdMjy0VFCFv8GkQ/delta/base64xml/L3d3dyE

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Site Information

Protocol: ☐ ArcIMS ☐ Z39.50 ☐ OAI-PMH ☐ Web Accessible Folder ☒ CS-W

Name: FEMA - ier

Host URL: http://hazards.fema.gov/metadata/ier/csw?request=Get [Test]
(e.g. http://www.example.com)

CS-W Profile: CSW.OGCCORE.FEMA

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☒ Once every week

☐ Only once

☐ Skip harvesting

Do you want to receive e-mail notifications of harvesting results?

☒ YES, Notify Me!

☐ NO thanks

Save Site



Harvest Action Buttons

Registered Sites

Actions	Name	Owner	Protocol	URL	Created	Updated	Harvested	Status
	1382 NOAA CLASS	CLASS_meta	WAF	http://www.ngdc.noaa.gov/metadata/pu...	2008-10-03	2009-04-06	2009-04-11	Completed
	1371 Idaho Geospatial Data Clearinghouse	bgodfrey	Z39.50	129.101.196.109	2005-07-29	2009-04-05	2009-04-11	Completed
	7492 FEMA - IER	FEMA_IER	CS-W	http://hazards.fema.gov/metadata/ier...	2006-08-30	2009-03-31	2009-04-11	Completed
	155 WV GIS Technical Center	wvgs	WAF	http://wvgs.wvu.edu/metadata_waf/	2005-06-16	2009-03-11	2009-04-04	Completed
	13882 USGS Energy Program CertMapper Portal	cskinner	ArcIMS	http://certmapper.cr.usgs.gov	2009-01-20	2009-03-05	2009-03-05	Completed
	13522 NOAA - coris.noaa.gov/metadata/records/kml/	NOAA_CoRIS	WAF	http://coris.noaa.gov/metadata/recor...	2008-11-21	2009-02-26	2009-04-11	Completed
	13582 WRCOG	vasupilla	Z39.50	152.61.128.66	2008-12-17	2009-02-26	1900-01-01	Completed
	10387 NOAA_Lidar	kstroker	WAF	http://www.ngdc.noaa.gov/metadata/pu...				
	14187 NOAA_DART	kstroker	WAF	http://www.ngdc.noaa.gov/metadata/pu...				
	14182 fwsGIS	fwsGIS	WAF	http://mercury.ornl.gov/metadata/nbi...				
	14087 Usersmarts IER	georef	CS-W	http://beta.usersmarts.com/ier/csw?r...				
	4957 U.S. Fish and Wildlife Service	deb_green_fws.gov	WAF	http://mercury.ornl.gov/metadata/nbi...				
	12782 Montana State Library - gisportal.mt.gov	gdaumiller	ArcIMS	http://gisportal.mt.gov				
	13982 Pend Oreille County GIS	jshelton	WAF	http://www.pendocounty.org/documen...				
	13782 Metadata_WAF2009	nunattech	WAF	http://armap.utep.edu/Metadata_WAF...				
	13682 NH GRANIT	FayRubin	Z39.50	www.granit.unh.edu				
	47 New Hampshire Geographically Referenced Analysis and Information Transfer System	AllanWright	Z39.50	www.granit.unh.edu				
	13587 USGS NBII WES10	georef	CS-W	http://nbii-wes2.ornl.gov/wes/senic...				
	48 Alaska Department of Natural Resources, LRIS	asgdc	WAF	http://dnr.alaska.gov/mdfiles				
	6782 Naval Research Laboratory	mccreedy	WAF	http://columbo.nrlssc.navy.mil/GOS				
	124 US Geological Survey	nmcatsupport	WAF	http://mcmweb.er.usgs.gov/catalog/g...				
	13517 NOAA (NGDC - MGG - DEM)	beakins	WAF	http://www.ngdc.noaa.gov/metadata/pu...				
	13512 NOAA (NGDC - MGG - NOS)	JamesBunn	WAF	http://www.ngdc.noaa.gov/metadata/pu...				
	13502 George Mason University - cisg.gmu.edu	reddy37	Z39.50	cisg.gmu.edu				
	13497 George Mason University - cisg.gmu.edu	reddy37	Z39.50	cisg.gmu.edu				
	3697 Montana State Library - maps2.nris.state.mt.us/nsdi/nris	gdaumiller	WAF	http://maps2.nris.state.mt.us/nsdi/nris	2005-07-29	2008-11-03	2009-04-13	Completed
	5057 National Park Service	datastore	WAF	http://nrddata.nps.gov/nps	2005-10-21	2008-10-30	2009-04-11	Completed

Action Buttons

1. View History
2. Edit [Setup]
3. Queue for Harvest
4. Queue for *Full Harvest*
5. Delete [Harvest]

The action buttons have tool tips identifying their functions.



View Harvest Action

GOS - Geospatial One Stop - Windows Internet Explorer

http://gos2.geodata.gov/wps/myportal/gos/kc.xml/04_S19SPykssy0xPLMnMz0vM0Y_QjzKL94v3NQD3mMW7x_tZ6keiVjA

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GOS - Geospatial One Stop

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Configure Harvesting

[View Registered Sites](#) [Register New Metadata Site](#)

History - Chicago Regional Clearinghouse Cooperative

Actions	ID	Date	# Harvested	# Validated	# Published
	3737	2009-04-11 04:29:05	0	0	0
	3737	2009-04-04 09:14:20	0	0	0
	3737	2009-02-28 04:00:46	0	0	0
	3737	2009-02-21 03:55:56	0	0	0
	3737	2009-02-07 03:54:02	0	0	0
	3737	2009-01-24 03:51:07	0	0	0
	3737	2009-01-17 03:57:46	0	0	0
	3737	2009-01-10 03:35:11	0	0	0
	3737	2009-01-03 03:30:40	0	0	0
	3737	2008-12-27 03:32:01	0	0	0
	3737	2008-12-20 03:31:56	0	0	0
	3737	2008-12-13 03:38:44	0	0	0
	3737	2008-11-07 12:53:50	0	0	0
	3737	2008-10-31 12:55:00	0	0	0
	3737	2008-10-24 01:04:10	0	0	0
	3737	2008-10-17 12:52:38	0	0	0
	3737	2008-10-10 12:50:54	0	0	0
	3737	2008-10-09 10:51:48	97	73	73
	3737	2008-10-09 10:21:02	97	73	73
	3737	2008-10-09 08:06:32	0	0	0
	3737	2008-10-03 01:06:17	0	0	0
	3737	2008-09-26 02:36:14	0	0	0

USA.gov Privacy Policies FOIA DOI USGS

Harvesting History:

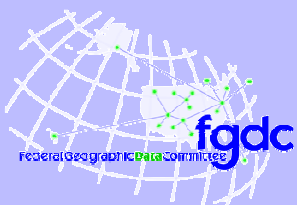
- select the 'View Report' icon next to any report to view the contents
- select the 'Delete Report' icon to delete the report



View Harvest Report

Harvest Report:

- Harvest site
- Documents harvested, validated, published and added to geodata.gov
- Failed record
- Reasons record failed (in orange)



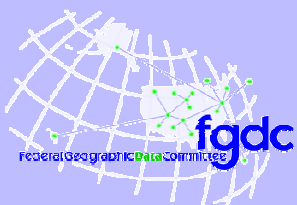
Manage My Metadata

2 Documents found

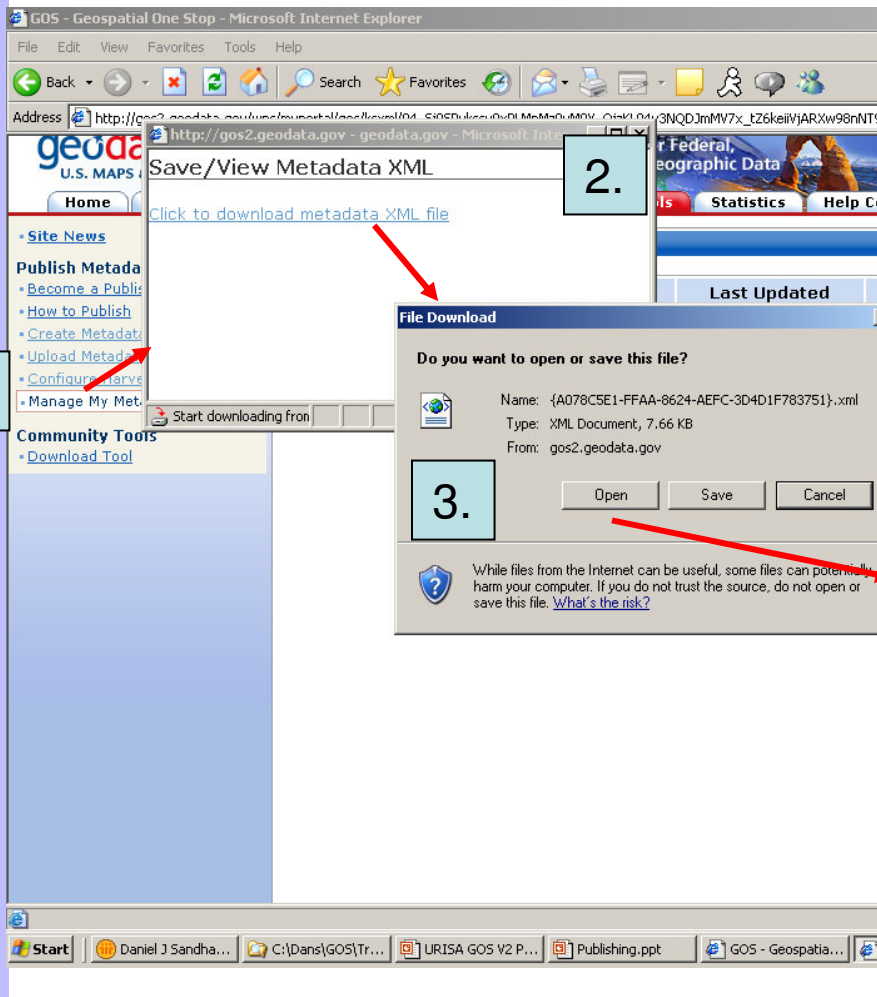
Action	DOCUID	Dataset Name	Owner	Method	Transfer Ownership	Check Online Status	Status
	{A078C5E1-FFAA-8624-AEFC-3D4D1F783751}	Listings of State Geological Surveys on the Web	dsandhaus	Unknown	2007-02-13 10:46:56		Approved
	{DFFEA16C-1148-FA6E-A5E5-F096B08E2A46}		dsandhaus	Unknown	2007-01-30 13:14:22		Approved


Action Buttons

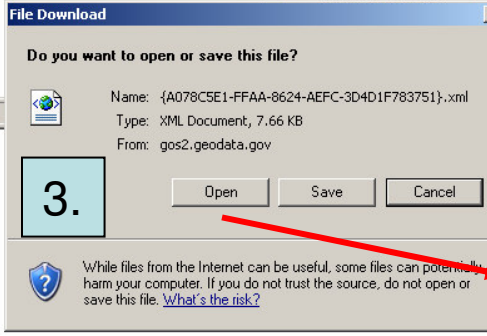
1. View Metadata Record
2. Update/Edit Record
3. Delete Record
4. Download XML
5. Transfer Ownership of the record to another publisher

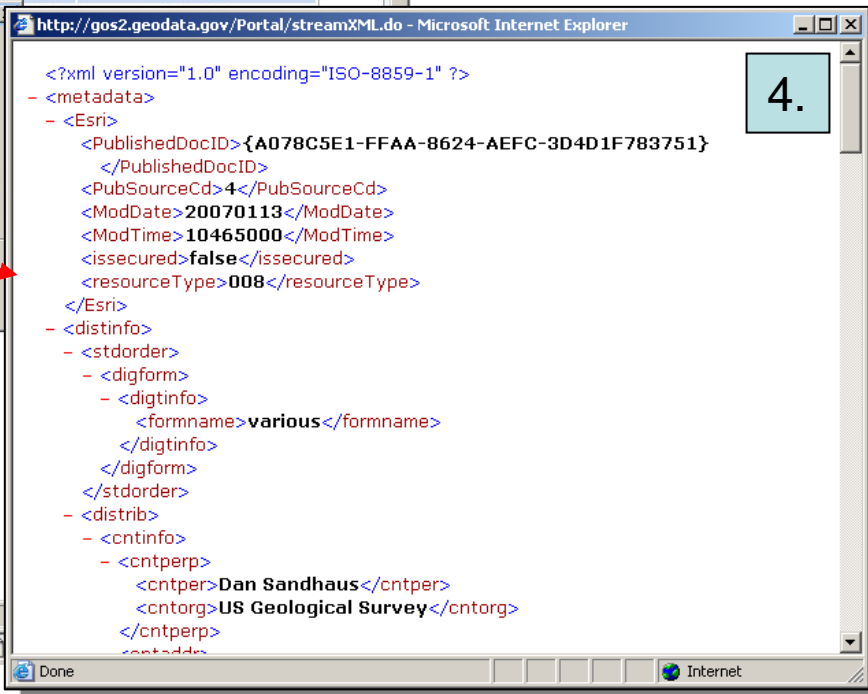


Download Your Metadata Record

1. 

2. 

3. 

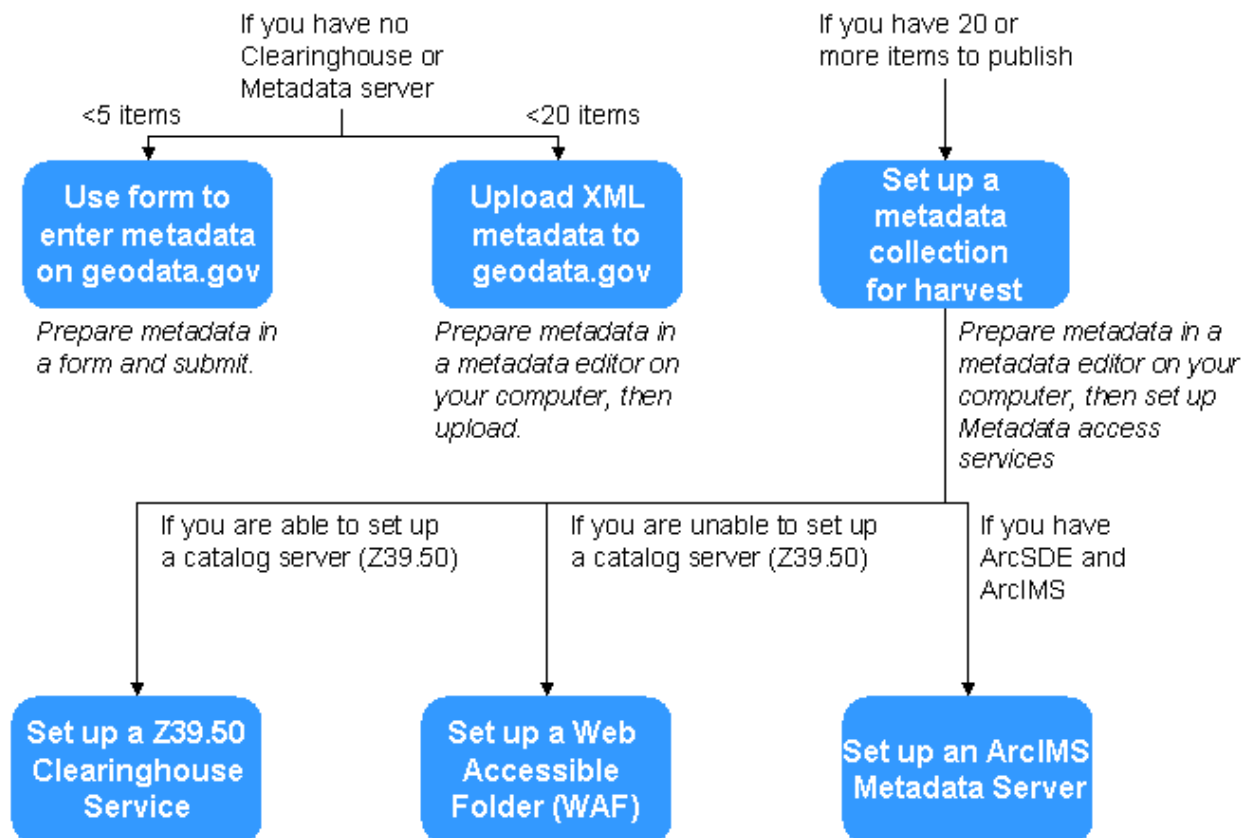
4. 

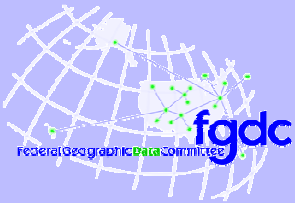
```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<metadata>
  <Esri>
    <PublishedDocID>{A078C5E1-FFAA-8624-AEFC-3D4D1F783751}</PublishedDocID>
    <PubSourceCd>4</PubSourceCd>
    <ModDate>20070113</ModDate>
    <ModTime>10465000</ModTime>
    <issecured>false</issecured>
    <resourceType>008</resourceType>
  </Esri>
  <distinfo>
    <stdorder>
      <digform>
        <diginfo>
          <formname>various</formname>
        </diginfo>
      </digform>
    </stdorder>
  </distinfo>
  <cntinfo>
    <cntperp>
      <cntper>Dan Sandhaus</cntper>
      <cntorg>US Geological Survey</cntorg>
    </cntperp>
  </cntinfo>
</metadata>
```




Publishing Flow Chart

If you want to publish information about your geospatial resources to geodata.gov



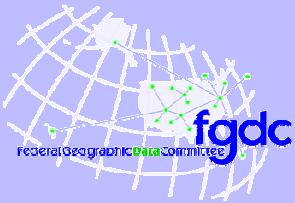


There are 3 primary ways to publish metadata to geodata.gov

- ▶ On-line Form (< 5 records)
- ▶ Upload Metadata XML File (< 20 records)
- ▶ Harvesting (Many records)

Optimize metadata records for searching by using good titles and key words

Marketplace records are also entered as metadata



Explore Geospatial One-Stop Metadata Publication:

- ▶ Register as a geodata.gov publisher
- ▶ Create metadata records using the geodata.gov online metadata form
- ▶ Upload metadata records using the geodata.gov Upload Metadata tool
- ▶ Set up a Harvest using the geodata.gov Harvesting tool
- ▶ Edit a URL link in a metadata record
- ▶ Delete a metadata record